

Derwent Record

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Derwent Title: **Drying appts for food - has control device which controls movement of dehumidification drying machine and microwave generator based on detection result of sensor**

Original Title: ☒ **JP08178522A2: DRYING DEVICE**

Assignee: **HITACHI LTD** Standard company
Other publications from [HITACHI LTD \(HITA\)](#)...

Inventor: **None**

Accession/Update: **1996-374577 / 199638**

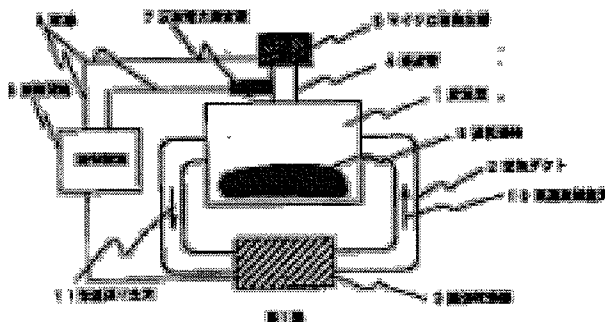
IPC Code: **F26B 3/347 ; F26B 5/04 ; F26B 21/04 ;**

Derwent Classes: **Q76; X25;**

Manual Codes: **X25-B02B3**(Industrial scale heating; drying) , **X25-G**
(Drying)

Derwent Abstract: (JP08178522A) The appts has a drying room (1) in which an object (6) is arranged. A dehumidification drying machine (3) circulates dry air in the drying room using a heat pump. A microwave generator (5) irradiates microwave in the drying room. A sensor detects the state of the drying room. A control device (9) is connected to the drying machine, microwave generator and sensor. The control device controls the movement of the drying machine and the microwave generator based on the detection result of sensor.
Advantage - Improves efficiency. Reduces drying time and power consumption.

Images:



Dwg. 1/9

Family:

| PDF Patent | Pub. Date | Derwent Update | Pages | Language | IPC Code |
|--|------------|----------------|-------|----------|------------|
| <input checked="" type="checkbox"/> JP08178522A * | 1996-07-12 | 199638 | 9 | English | F26B 3/347 |
| Local apps.: JP1994000315075 Filed:1994-12-19 (94JP-0315075) | | | | | |

Priority Number:

| Application Number | Filed | Original Title |
|--------------------|------------|----------------|
| JP1994000315075 | 1994-12-19 | DRYING DEVICE |

Title Terms: **DRY APPARATUS FOOD CONTROL DEVICE CONTROL MOVEMENT DEHUMIDIFY DRY MACHINE MICROWAVE GENERATOR BASED DETECT**

RESULT SENSE

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